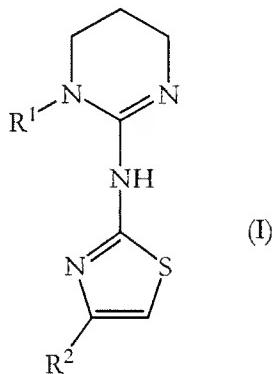


Amendments to the Claims

The following listing of claims replaces all previous listings, and versions, of claims in the application:

Listing of Claims:

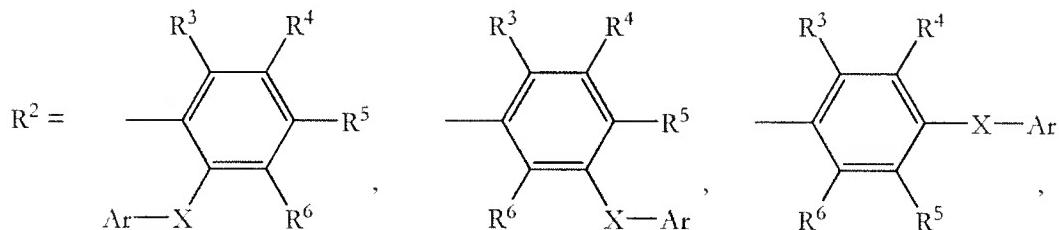
1. (Previously presented) A pharmaceutical, antimycotically active nail lacquer for the treatment or prophylaxis of fungal infections of nails and skin, comprising an optionally substituted 2-aminothiazole of formula (I)



wherein

R¹ represents hydrogen or alkyl, and

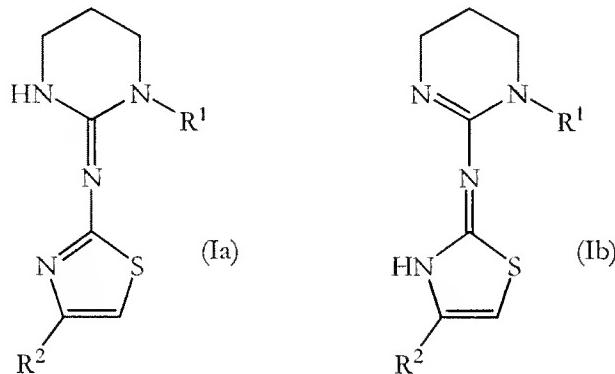
R² represents a substituent of the formula



wherein

R³, R⁴, R⁵ and R⁶ independently from each other represent hydrogen, halogen, nitro, alkyl, alkoxy, alkoxy-carbonyl, dialkylamino, alkylthio, alkylsulphinyl, alkylsulphonyl, halogenoalkyl, halogenoalkoxy, halogenoalkylthio, halogenoalkylsulphinyl or halogenoalkylsulphonyl,

X represents oxygen, sulphur, sulphinyl or sulphonyl, and
 Ar represents an optionally substituted aryl moiety, and
 their physiologically acceptable acid addition salts,
 wherein the compounds of formula (I) are in equilibrium with the tautomeric compounds of
 formulae (Ia) and (Ib)

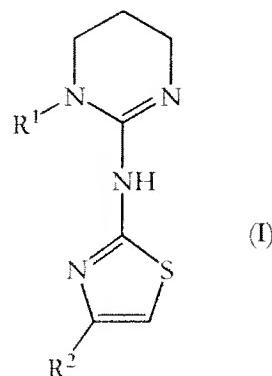


wherein R¹ and R² in each case have the abovementioned meanings; the nail lacquer further comprising:

- a permeation enhancer;
- a polymeric film-forming agent;
- a volatile solvent; and
- a plasticizer,

such that the nail lacquer, when applied to a nail, forms an adhered, waterproof film from which the optionally substituted 2-aminothiazole of formula (I) is released so as to penetrate the nail.

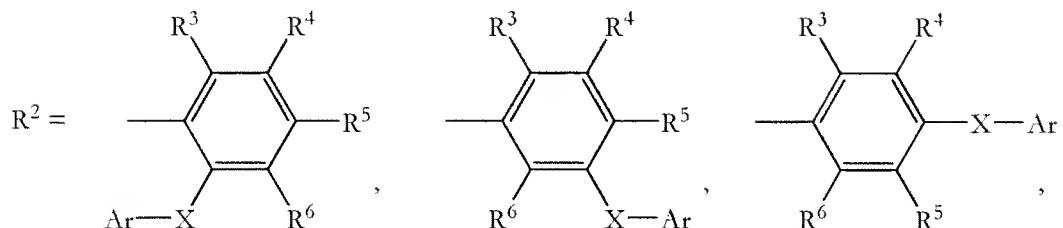
2. (Previously presented) A pharmaceutical, antimycotically active nail lacquer for the treatment or prophylaxis of fungal infections of nails and skin, comprising an optionally substituted 2-aminothiazole of formula (I)



wherein

R^1 represents hydrogen or alkyl, and

R^2 represents a substituent of the formula



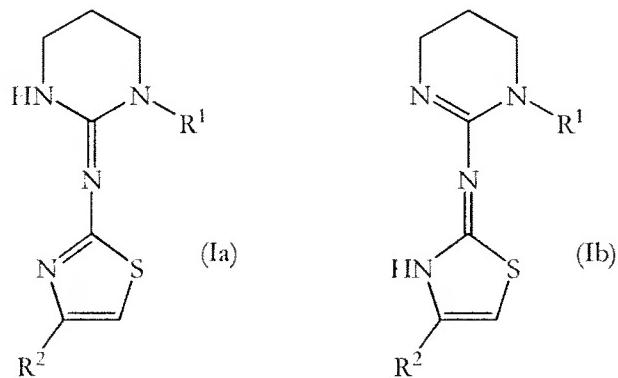
wherein

R^3 , R^4 , R^5 and R^6 independently from each other represent hydrogen, halogen, nitro, alkyl, alkoxy, alkoxy-carbonyl, dialkylamino, alkylthio, alkylsulphinyl, alkylsulphonyl, halogenoalkyl, halogenoalkoxy, halogenoalkylthio, halogenoalkylsulphinyl or halogenoalkylsulphonyl,

X represents oxygen, and

Ar represents an optionally substituted aryl moiety, and their physiologically acceptable acid addition salts,

wherein the compounds of formula (I) are in equilibrium with the tautomeric compounds of formulae (Ia) and (Ib)



wherein R¹ and R² in each case have the abovementioned meanings; the nail lacquer further comprising:

a permeation enhancer;
a polymeric film-forming agent;
a volatile solvent; and
a plasticizer,

such that the nail lacquer, when applied to a nail, forms an adhered, waterproof film from which the optionally substituted 2-aminothiazole of formula (I) is released so as to penetrate the nail.

3. (Canceled).
4. (Previously presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or claim 2, wherein the permeation enhancer is hyaluronate lyase.

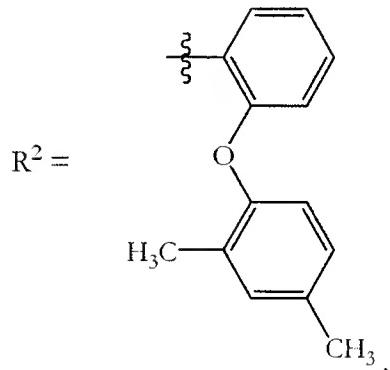
5. (Canceled).
6. (Previously presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or claim 2, characterized in that the film-forming agent belongs to the group of water-insoluble acrylate polymers or methacrylate polymers and comprises a copolymer that belongs to the compound class of alkylvinylethers, maleic acid anhydride, alkylated poly(vinylpyrrolidones) and ammonium methacrylates.

7. (Canceled).
8. (Canceled).
9. (Previously presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or claim 2, characterized in that it comprises as a solvent ethanol, ethyl acetate, butyl acetate, isopropanol, acetone, methyl ethyl ketone, triacetin, tripropionin, diethylene glycol monoethyl ether, isopropyl acetate, or a mixture of two or more of said solvents.

10. (Previously Presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, comprising

from 0.1 to 20% antimycotic agent,
from 0.5 to 35% permeation enhancer,
from 0.5 to 40% film-forming polymer,
from 5 to 80% volatile solvent, and
from 1.0 to 10% plasticizer.

11. (Previously Presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, wherein R¹ represents hydrogen and R² represents a substituent of the formula



12. (Previously Presented) A method for the treatment of fungal infections, in which a pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2 is applied to infected nails.

13. (Previously Presented) A method for the prophylaxis of fungal infections, in which a pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2 is applied to nails of subjects who are in danger of being affected by a nail fungal infection.

14. (Previously presented) A pharmaceutical, antimycotically active nail lacquer according to claim 11,

wherein the permeation enhancer comprises oxacyclohexadecan-2-one;

wherein the film-forming agent comprises an amine or quaternary ammonium group-containing acrylic acid copolymer;

wherein the volatile solvent comprises ethanol; and

wherein the plasticizer comprises propylene glycol.

15. (Currently amended) A pharmaceutical, antimycotically active nail lacquer according to ~~claim 15~~ claim 14, wherein the 2-aminothiazole is present in an amount of 2 wt.%, the oxacyclohexadecan-2-one is present in an amount of 15wt.%, the amine or quaternary ammonium group-containing acrylic acid copolymer is present in an amount of 15wt.%, and the propylene glycol is present in an amount of 5wt.%, the ethanol is present in an amount of 60wt.%, and further comprising water in an amount of 3wt.%.